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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner <i>Willie J. Daniel, Jr</i>	Date Considered <i>06/02/2004</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/992,646
				Filing Date	November 14, 2001
				First Named Inventor	Yoshiyuki Takano
				Art Unit	2681 2686
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	M1909.0156/P156

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
WD	AA	6,011,973	01-04-2000	Valentine et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
WD	BA	GB 2342821	12-17-1998	Ericsson Inc.		
WD	BB	GB 2300787	05-13-1996	NEC Corp.		
WD	BC	WO 00/65865	11-02-2000	SABOT		

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	Willie F. Daniel, Jr.	Date Considered	06/02/2004
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
928	BA	JP 7-87568	03-31-1995			
928	BB	JP 11-331950	11-30-1999			
928	BC	JP 11-331948	11-30-1999			
928	BD	JP 11-186955	07-09-1999			
928	BE	JP 2000-224661	08-11-2000			
928	BF	JP 2000-184457	06-30-2000			
928	BG	JP 2000-152310	05-30-2000			
928	BH	JP 2001-60910	03-06-2001			

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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928	CA	Japanese Office Action issued August 12, 2003 (w/ English translation of relevant portion)	

Examiner Signature	Willie F. Daniel Jr.	Date Considered	06/02/2004
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W.D.	BA	GB 2 368 497 A	05-01-2002	Roke Manor Research Limited		

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